



# Construction Standards with Training Requirements

TOSHA believes this information to be accurate and delivers it as a community service. As such, it cannot apply to every specific fact or situation; nor is it a substitute for any provisions of 29 CFR Part 1926 of the Occupational Safety and Health Standards as adopted by the Tennessee Department of Labor and Workforce Development or of the Occupational Safety and Health Rules of the Tennessee Department of Labor and Workforce Development.

Standard	Standard Number	Re-training	Other
General Safety & Health Provisions	1926.20(b)	When necessary	
Safety Training & Education	1926.21(b)	When necessary	
Employee Emergency Action Plans	1926.35(e)	Review the plan when: a. Employees responsibilities change b. The plan changes	
Medical Services & First Aid	1926.50(c)	As required by first aid certifying agency	
Ionizing Radiation	1926.53(b) And requirements in 1910.1096(f),(i)	When necessary	Competent person required
Nonionizing Radiation	1926.54(a)	When necessary	

<b>Standard</b>	<b>Standard Number</b>	<b>Re-training</b>	<b>Other</b>
Gases, Vapors, Fumes, Dusts, and Mists	1925.55(b)	When necessary	Technically qualified person to approve engineering controls and respirator selection and use
Hazard Communication	1926.59 Requirements are the same as 1910.1200(h)	Annually, per the TN Right-To-Know Law	Training records required per the TN Right-To-Know Law
Methylenedianiline	1926.60(l)	At least annually	Training record required
Lead In Construction	1926.62(l)	At least annually for those exposed at or above the action level	
Process Safety Management of Highly Hazardous Chemicals	Operators of a process— 1926.64(g)	At least every 3 years	Training record required
Process Safety Management of Highly Hazardous Chemicals	Contract employer responsibilities—1926.64(h)	When necessary	Training record required
Process Safety Management of Highly Hazardous Chemicals	Process maintenance employees—1926.64 (j)	When necessary	
Hearing Protection	1926.101(b)	When necessary	

<b>Standard</b>	<b>Standard Number</b>	<b>Re-training</b>	<b>Other</b>
Respiratory Protection	1926.103 Requirements are the same as 1910.134 (k)	Annually, and when a. The workplace changes b. The type of respirator changes c. Inadequacies in employees' knowledge or use occur Other situations make it necessary	Employee must demonstrate knowledge
Fire Protection	1926.150(a),(c)	When necessary	
Signaling	1926.201(a)	When necessary	
Powder-Operated Hand Tools	1926.302(e)	When necessary	
Woodworking Tools	1926.304(f)	When necessary	
Gas Welding & Cutting	1926.350(d)	When necessary	
Arc Welding & Cutting	1926.351(d)	When necessary	
Fire Prevention	1926.352(e)	When necessary	
Welding, Cutting & Heating in Way of Preservative Coatings	1926.354(a)	When necessary	Competent person required

<b>Standard</b>	<b>Standard Number</b>	<b>Re-training</b>	<b>Other</b>
Ground Fault Protection	1926.404(b)	When necessary	Competent person required
Scaffolding Training	1926.454	When: a. Worksite changes present a new hazard b. When changes in the type of scaffold, fall protection, falling object protection, or any equipment present a new hazard c. There are inadequacies in the employee's work involving scaffolds d. The employer has reason to believe retraining is necessary	Competent person required
Fall Protection Training	1926.503	When: a. Worksite the changes make it necessary b. When changes in the type of fall protection or equipment used make it necessary c. There are inadequacies in the employee's performance using fall protection d. The employer has reason to believe retraining is necessary	Training certification required
Cranes & Derricks	1926.550(a),(g)	When necessary	Engineer required Competent person required

Standard	Standard Number	Re-training	Other
Material Hoists, Personnel Hoists, & Elevators	1926.552(a),(c)	When necessary	Engineer required Competent person required
Material Handling Equipment	1926.602(d) The requirements are the same as in 1910.178(l)	When the operator: a. Is seen operating the truck unsafely b. Has been involved in an accident or near-miss c. Receives an evaluation indicating unsafe operation d. Is assigned to drive a different type of truck e. A change of conditions dictates retraining	Reevaluation of operators every 3 years Training certification required
Site Clearing	1926.604(a)	When necessary	First-aid treatment available
Excavations General Protection Requirements	1926.651	When necessary	Competent person required
Concrete & Masonry Construction	1926.701(a)	When necessary	Engineer required
Requirements of Cast-in-Place Concrete	1926.703(b)	When necessary	Engineer required
Bolting, Riveting, Fitting-up, & Plumbing	1926.752(d)	When necessary	Competent person required
Steel Erection Training	1926.761	When necessary	

<b>Standard</b>	<b>Standard Number</b>	<b>Re-training</b>	<b>Other</b>
Underground Construction	All employees--1926.800(d)	When necessary	
Underground Construction	Self-rescuers--1926.800(g) Rescue team—1926.800(g)	As per 1926.103 for respirator use Annual review of qualifications for rescue team	
Underground Construction	Air monitoring--1926.800(j)	When necessary	Competent person required
Underground Construction	Ground support--1926.800(o)	When necessary	Competent person required
Underground Construction	Hoisting--1926.800(t)	When necessary	
Compressed Air	1926.803(a),(b),(e)	When necessary	Competent person required
Preparatory Operations	1926.850(a)	When necessary	Competent person required
Chutes	1926.852(c)	When necessary	Competent employee required
Mechanical Demolition	1926.859(c)	When necessary	Competent person required
Blasting & Use of Explosives	1926.900(a),(k),(q)	When necessary	Competent person required

<b>Standard</b>	<b>Standard Number</b>	<b>Re-training</b>	<b>Other</b>
Blaster Qualifications	1926.901(c),(d)(e)	When necessary	Blaster must provide evidence of competency
Surface Transportation of Explosives	1926.902(b)	When necessary	
Firing the Blast	1926.909(a)	When necessary	
Power Transmission & Distribution	1926.950(e)	As required by first aid certifying agency	
Overhead Lines	1926.955(b)	When necessary	Designated employee
Overhead Lines	1926.955(e)	When necessary	Designated employee
Underground Lines	1926.956(b)	When necessary	
Construction in Energized Substations	1926.957(a),(d)(e)	When necessary	Designated, authorized employee
Ladders	1926.1053(b)	When necessary	Competent person required
Training Requirements for Stairways and Ladders	1926.1060(a)	When necessary	

<b>Standard</b>	<b>Standard Number</b>	<b>Re-training</b>	<b>Other</b>
Commercial Diving Operations	1926.1076, Requirements are the same as 1910.410(a)	When necessary	
Asbestos	1926.1101(j)	At least annually	For those exposed above the at or above the PEL or excursion limit
13 Carcinogens	1926.1103-1116 Requirements are the same as 1910.1003-1016(e)	Annually	
Vinyl Chloride	1926.1117 Requirements are the same as 1910.1017(j)	Annually	
Inorganic Arsenic	1926.1118(o)	At least annually At least quarterly for employees who have optional use of respirators	
Hexavalent Chromium	1926.1126(j)	When necessary	Training as per the hazard communication standard, 1910.1200(h) Ensure employees can demonstrate knowledge
Cadmium	1926.1147(m)	At least annually	Training record required



<b>Standard</b>	<b>Standard Number</b>	<b>Re-training</b>	<b>Other</b>
Benzene	1926.1128 Requirements are the same as 1910.1028(j)	At least annually if exposures above the action level	
Coke Oven Emissions	1926.1129 Requirements are the same as 1910.1029(k)	At least annually	
1,2-Dibromo-3-chloropropane	1926.1044 Requirements are the same as 1910.1044(n)	When necessary	
Acrylonitrile	1926.1145 Requirements are the same as 1910.1045(o)	At least annually	
Ethylene Oxide	1926.1147 Requirements are the same as 1910.1047(j)	At least annually	
Formaldehyde	1926.1148 Requirements are the same as 1910.1048(n)	At least annually	
Methylene Chloride	1926.1152 Requirements are the same as 1910.1052(l)	When necessary	